

FORM PTO-1449



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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

**Applicant:**  
Mark A. Plummer et al.

**Filing Date:**  
January 30, 2001

Group Art Unit:

**U.S. PATENT DOCUMENTS**

RECEIVED  
MAY 4 2001  
TC 1700

Exam. Initial	Patent Number	Issue Date	Inventor	Class	Sub- Class
WG	3,485,746	12/23/69	Setzer et al.	208	244
WG	4,978,439	12/18/90	Carnell et al.	208	91
WG	4,738,202	11/8/88	Kraus et al.	55	16
WG	5,082,472	1/21/92	Mallouk et al.	55	16
WG	5,114,689	5/19/92	Nagji et al.	423	230
WG	5,415,681	5/16/95	Baker	95	45
WG	5,643,442	7/1/97	Sweet et al.	208	302

**FOREIGN PATENT DOCUMENTS**

Exam. Initial	Document Number	Publication Date	Country	Class
WB	1263845	12/12/89	Canada	C100 31/11

Examiner:

Date Considered:

*Walter D. Buff*

3-12-2002

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam.  
Initial

- WG Sirkar, K., "Membrane Separation Technologies: Current Developments", *Chem. Eng. Comm.*, v.157, pp.145-184, 1997.
- WG Sparks, B. D. et al., "Upgrading of Solvent Extracted Athabasca Bitumen by Membrane Ultrafiltration", *AIChE Journal*, v.36, n.8, pp.1279-1282, August 1990.
- WG Sartori, G., "Poly (Fluoroolefin) Membranes for Aromatics / Saturates Separation", Abstract, AIChE Annual Meeting, Session 31, November 1997.

Examiner:

Date Considered:

Walter D. Smith

3-12-2002

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.